

**Notice of Allowability**

Application No.

10/064,943

Examiner

Adnan M. Mirza

Applicant(s)

POCHON ET AL.

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/14/2007.
2. ☒ The allowed claim(s) is/are 18-25, 30 and 34-38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 10/03/2007
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
JASON CARDONE  
SUPERVISORY PATENT EXAMINER

Reasons for Allowance

1. Claims 18-25,30,34-38 will be allowed.
2. The following is an examiner's statement of reasons for allowance.

The prior art references most closely resembling the applications claimed invention are Vaidya U.S PAT(6,279,113) and Spiegel U.S.PAT(6,954,765).

First Vaidya disclosed, "A dynamic signature-based network intrusion detection system (IDS) that includes multiple attack signature profiles which are descriptive of identifiable characteristics associated with particular network intrusion attempts associated with network objects located on the network". However Vaidya did not disclose, "determining if any entry exists in said normalization table for said packet fragment said entry including an identifier comprising identifying information from identification protocol, source IP address and destination IP address header fields of said packet fragment; if said entry exists in said normalization table, determining if a conflict exists between said entry and said a prior entry; if said conflict exists, discarding said packet fragment; and if said conflict does not exist, simultaneously transferring said packet fragment to a network intrusion detection system and said end-system of said local network" (Claims 18,30,37).

Second Spiegel disclosed, "a system that updates a file by making a backup copy of a portion of the file that includes changed data". However Spiegel did not disclose, "determining if any entry

Art Unit: 2145

exists in said normalization table for said packet fragment said entry including an identifier comprising identifying information from identification protocol, source IP address and destination IP address header fields of said packet fragment; if said entry exists in said normalization table, determining if a conflict exists between said entry and said a prior entry; if said conflict exists, discarding said packet fragment; and if said conflict does not exist, simultaneously transferring said packet fragment to a network intrusion detection system and said end-system of said local network” (Claims 18,30,37).

In summary, the Examiner submits that there is no motivation to combine the aforementioned references; therefore, claims 18-25,30,34-38 have been deemed allowable over the prior art. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance”.

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Adnan Mirza whose telephone number is (571)-272-3885.

The examiner can normally be reached on Monday to Friday during normal business hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Jason Cardone can be reached on (571)-272-3933. The fax for this group is (703)-746-7239. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2145

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866)-217-9197 (toll-free).



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